TO ARCHITECTS, BUILDERS, CONTRACTORS, &c.

HARTLEY'S PATENT ROUGH PLATE GLASS,

1-8th thick, or 2lbs. to the foot; 3-16ths, or 3 lbs.; and 1-4th, or 4lbs. to the foot, for

RIDGE AND FURROW ROOFS, GREENHOUSES, RAILWAY STATIONS, ENGINE SHEDS, MILLS, MARKET HALLS, AND PUBLIC BUILDINGS GENERALLY.

It being universally admitted that Glass in Roofs of a permanent character should not be less than one-eighth of an inch thick, weighing two pounds to the foot, Messrs. JAMES HARTLEY and CO. have directed their attention to the manufacture of a description of

ROUGH PLATE GLASS THAT COMBINES SIZE AND STRENGTH WITH ECONOMY OF COST.

The PATENT ROUGH PLATE is manufactured in sizes expressly for Ridge and Furrow Roofs, giving a saving of from 5 to 12 lbs. on a price not exceeding, except for results that of common Crown Glass. Not being transparent, blinds are unnecessary, and when used in Greenhouses the overlaying occasions the NON-TRANSPARENCY and strength renders it admirably adaptable for the Glazing of Conservatories and Roofs of all kinds; also Factories, Workshops, &c., for which purposes it is supplied in squares of all sizes, from 9 up to 16 inches and upwards.

For further information apply to Messrs. JAMES HARTLEY and CO. Wear Glass Works, Sunderland.

N.B.—The Patent Rough Plate Glass is supplied at a much lower cost than the common Rough Plate.—May 1, 1851.

GLASS FOR CHURCHES, CHAPELS, SCHOOLS, &c.

HARTLEY'S PATENT QUARRY GLASS,

Of three thicknesses, in 100 elegant and economical substitutes for lead lights. The attention of Architects, Builders, and others is particularly requested to this beautiful article; samples of which may be seen at

JOSEPH CHATER AND SON'S, ST. DUNSTAN'S-HILL, TOWER-STREET, LONDON.

PIERCE'S PYRO-PNEUMATIC STOVE GRATES, being the original and only PURE WARM AIR STOVES that are constructed wholly of the FINEST PREPARED FIRE-CLAY, having no iron whatever in connection with the burning surfaces, producing healthful warmth, ventilation, and comfort, combined with economy. This medium of changing the cold external atmosphere into pleasant rarefied air is particularly adapted for

CHURCHES, BANKING HOUSES, OFFICES, ENTRANCE-HALLS, INFANT AND OTHER SCHOOLS, INVALIDS' APARTMENTS, &c.

Its cheerful open fire and elegant appearance render it equally applicable to the drawing or dining-room, where purity of air is essentially important.

Prices 7l.; 8l. 10s.; and 12l. 10s.

Having been in daily use at the University Hall, Gordon-square; the Polytechnic Institution; Westminster Chapel; Lloyd's Registry of Shipping, Cornhill; Guy's Hospital; the Bank of Messrs. Alexander and Co. Lombard-street; Office of "The Builder;" and at the Manufactory, 3, Jermyn-street.

PIERCE'S UNIVERSAL FIRE-LUMP GRATES, made of the finest prepared fire-loam, in one entire piece, very strong, with large capacious hobs and trivets, and will burn either wood, coal, coke, or peat.

Prices from 11s. 6d. to 30s.

PIERCE'S MANUFACTORY and SHOW ROOMS, No. 3, JERMYN-STREET, REGENT-STREET.

Sole Agents for NICHOLSON'S PRIZE COTTAGER'S RANGE, NEW PATENT COOKING STOVE, &c. &c.

By Royal Letters Patent

JOHN WALKER, SON OF THE PATENTEE,

Having extended his means for executing Orders, and Contracts for

CORRUGATED IRON BUILDINGS AND ROOFS,

Galvanized or otherwise, will be happy to work, by appointment, on Architects, Engineers, &c.

Merchants are invited to ascertain his Prices for Shipping Orders.

The Trade supplied with Corrugated Iron, Plain or Galvanized, or Iron Corrugated.

References to Plans of the first class.

FIRE-PROOF FLOORING.

The special attention of Architects, Engineers, &c. &c. is called to a particularly economical mode of erecting Fire-proof Floors capable of sustaining great weight, without any thrust against the walls. Any information, with Estimates, Drawings, &c. may be obtained at the Offices.

63, GRACECHURCH-STREET, LONDON.

TO BUILDERS AND PLUMBERS.

The attention of the Trade is called to

JOHN WARNER & SONS' PATENT VIBRATING STANDARD PUMP,

which is recommended for the simplicity of its construction, and the ease with which it works.

By the introduction of the vibrating standard, the cumbrous carriage and expensive chain and pulley are unnecessary, rendering the price considerably less than pumps made on the old plan.

Also new Water Engines for raising fluids from a depth not exceeding 30 feet; also Garden Engines constructed on the same principle.

JOHN WARNER & SONS,
8, Cornmill, Jewin-street, London,
Manufacturers and Patentees.

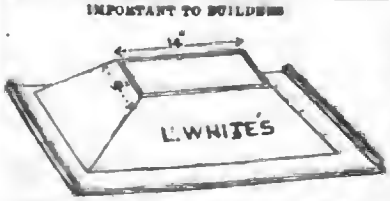
THE GWYNNE PUMP, for Mines, Ships, Drainage Works, Steam and Locomotive Engines, Waterworks, and every description of employment in which power and efficiency are sought to be obtained with economy, and combined applicability to all circumstances. This Pump, which is acknowledged to be superior to any hitherto manufactured, is supplied by Mr. JOHN GWYNNE, under guarantee against innovation of any kind from the holders of obsolete patents. Orders addressed to No. 1, Agar-street, Strand, London, will receive immediate attention. Local peculiarities of situation, &c. provided for, by special arrangements. Testimonials forwarded to parties requiring them.

WATERING the ROADS.—Public attention is respectfully requested to REDJ. FOWLER'S very superior ROAD PUMPS, both plain and ornamental, large numbers of which have been fixed in various parts of both town and country. Yearly contracts entered into to keep the same in sound working order. The largest stock in England of every description of pump and engine frame for raising water. Drawings and particulars forwarded on application.—REDJ. FOWLER'S Engine, Pump, and Hot Water Apparatus Manufactory (late Turner's), 63, Dover-street, removed to the new factory, Whitefriars-street, First-street.

CAST-IRON PIPES, IRON WORK FOR OVENS, &c.

RAIN PIPES, &c.—F. A. TIDDEMAN and Co. St. Ann's Wharf, Hartshorne, City, near Blackfriars-bridge, keep a large stock of Rain Pipes, Heads, Shoes, Elbows, &c. lead and O. G. Gutters, Socket Pipes for Water or Gas, Flanged Pipes, Bath Weights, and other Castings; Iron Work for Bakers' Ovens of every description, fitted complete, to be had in sets or in parts.—Prices equal to all competition. Contracts taken to any extent. Goods landed. A powerful crane.

IMPORTANT TO BUILDERS



REGISTERED CAST-IRON CHIMNEY-HOPPER and CHIMNEY BAR COMBINED, ensuring a perfect formation of the Flue, and rendering smoky chimneys impossible. One trial will ensure their adoption in every building. Prices from 4s. 6d. each, according to size.

	9 in.	6 in.	4 in.
Rainwater Pipe	8d.	6d.	4d.
Eave Gutter	8d.	6d.	7½d.

O. G. cistern, water weights, STABLE FITTINGS, pumps, bath railing, cable and rag brackets and RAIN HEADS with pipe and hoppers, and every kind of builders' castings, to check, at LEWIS WHITE'S Iron Wharf, Upper Ground-street, London, near Blackfriars-bridge.

THE PATENT GALVANIZED IRON.

TUPPER and CARR,
Owners of Crawshay's Patents, and Proprietors of
THE GALVANIZED IRON COMPANY,

Supply patent Galvanized Sheets, plain or corrugated, for roofing, &c. Water or Gas Pipes, Cisterns, Wire of all gauges, Guttering, Hooping, &c. Wholesale, retail, and for export.

An Allowance to the trade.

WORKS—BILLWALL and BIRMINGHAM.
LONDON OFFICE, 3, MANSION-HOUSE PLACE.

IRON BUILDING and ROOFING WORKS,

BIRMINGHAM, late of Southwark.
JOHN H. PORTER,

Manufacturer of the Corrugated and other kinds of Iron Roofing for railway stations, carriage sheds, farm buildings, greenhouses, factories, &c. &c.

PATENTEE

Of the Corrugated Iron Beams, Girders, and Fire-proof Floors.
LONDON—Office, 20, Cornhill.

ARTESIAN WELLS, Boring for Water, Sinking Shafts, &c.—The Nobility, Gentry, Water Companies, Towns, Free-law Unions, Public Baths, Breweries, Distilleries, Paper-makers, Manufacturers of every description, and others requiring WATER, may be SUPPLIED with any quantity by DAVID GREENLEY, Civil Engineer, and patentee of boring tools, 18, Cumming-street, Pentonville, London, who, having had upwards of twenty years' experience, is enabled to give the most satisfactory and highly respectable references. Pumps and machinery of every description for raising water from deep wells, boring tools, with complete apparatus for exploration, with instructions. Men and tools supplied to bore for railways, primarily, &c.

GREAT FIRES in MARK-LANE and SOUTHAMPTON-STREET, STRAND.—In these destructive Fires Deeds and Documents of importance have been preserved unburned by "LEADBEATER'S PATENT FIRE-PROOF SAFES," LEADBEATER'S STRONG WROUGHT-IRON FIRE-PROOF BOOK SAFES, CHESTS, and DOORS, for Strong Rooms, Plate Chests, and Partitions, &c. of best make, and possessing all the most recent improvements, are the best depositories for property of every description in the world; containing Cash and Deed Boxes, with Detector Locks; Patent Detector Locks and Latches for all purposes. LEADBEATER, PATENTEE and MANUFACTURER of the newly approved Ventilating and Down-draught-preventing CHIMNEY-POTS. This Patent Article is found to be the most effectual cure for smoky Chimneys ever yet before the public, and is adapted to every style of Architecture.

A large assortment on hand at LEADBEATER'S MANUFACTORY, 128, ALDERSGATE-STREET, CITY of LONDON, where Ironmongers may be supplied.

LEADBEATER, sunny room Warehouseman for Cloths.

CHUBBS' LOCKS, FIRE-PROOF SAFES, AND CASH-BOXES.

CHUBBS' PATENT DETECTOR LOCKS give perfect security from false keys and picklocks, and also detect any attempt to open them. They are made of all sizes, and for every purpose to which locks are applied, and are strong, secure, simple, and durable.

CHUBBS' PATENT LATCH, for front doors, counting-house doors, &c. is simple in construction, low in price, and quite secure. The locks are particularly neat and portable.

CHUBBS' PATENT FIRE-PROOF SAFES, BOOKCASES, CHESTS, &c. made entirely of strong wrought-iron, are so effectually to resist the falling of brickwork, timber, &c. in case of fire, and are also perfectly secure from the attacks of the most skilful burglars.

CHUBBS' CASH and DEED BOXES, fitted with the Detector Locks.

CHUBB and SON, 57, St. Paul's Churchyard, London.

GREAT EXHIBITION,

Class 7, No. 128.

GREEN'S REGISTERED WINDGUARD,

is the cheapest and most effective article for the cure of SMOKY CHIMNEYS caused by the wind, and the only one that can be cleansed with the common machine by the ordinary sweeping of the chimney. Price, according to size, from 6s. to 8s. 6d. Apply to ISAAC GREEN, 2, Victoria-place, Dale-road, St. Pancras Church, Euston-square, London. N.B. A month's trial allowed; if not successful, money returned!!

GLASS TILES, ¼ of an inch thick, packed in cases containing 50ft., 8l. 10s. per case net.

JAMES PHILLIPS and CO. beg to inform builders and the trade they supply SUPERIOR BOHEMIAN SHEET GLASS in sizes of six feet, or 36in. 24in. and 18in. per case. STAINED and ORNAMENTAL GLASS, in any kind. Hartley's Patent Rough Plate and Patent Quarry Glass.—118, Bishopsgate-street Without.

HOT-HOUSE and DAIRY-GLASS.—Glass, in small sizes for pit frames; strong Sheet and Rough Plate, for conservatories, churches, railway stations, factories, &c.; Fern Temples, Bell Glasses, and the greatest variety of Garden Glass of any house in London. Patent Glass Pots, Glass Churns, Glass Milk Pans, Syphons, Lactometers, Glass Flasks, and other useful articles. Specimens of ornamental glass adapted for grounds.—For prices and catalogues, apply to Messrs. COGAN and Co., Window Glass and Glass Shade Warehouse, 48, Leicester-square, London.

THOMAS MILLINGTON begs to inform BUILDERS and the Trade that he can supply them with FOREIGN and ENGLISH WINDOW GLASS, of every description, ROUGH PLATE GLASS from ¼ inch to 1 inch thick, Glass Paintings, Shades, &c. &c. White Lead, Patent Colours, Oils, Varnishes, Brushes, &c.; Milled and Sheet Lead, Lead Pipe from ¼ inch to 4½ inches bore; Solder, Water Closets, Baths, Plumbers' and Brass Work of every description, and upon the very best terms. Glass Overshots, Milk Pans, Propagating and Bee Glasses.—Address, 4, Bishopsgate-street Without.

For Advertisement, Saturday, June 28, 1851.

E. and W. H. JACKSON beg to call the attention of Builders and the Trade to the LOW PRICES of their PATENT PLATE GLASS, BRITISH PLATE GLASS, and for glazing of conservatories, and their ROUGH, CROWN, SHEET, OBSCURED, and ORNAMENTAL GLASS, in every variety, of the best manufacture, at the lowest terms. Designs and estimates furnished for ornamental windows, either for houses or church decoration. All applications for estimates and lists of prices to be made at their warehouse, 313, OXFORD-STREET.

CHEAP ORNAMENTAL GLASS.—I beg to inform my friends and the public that I have now opened a new ENGINE, and, owing to the facility with which I can execute orders, I am enabled to reduce my former prices considerably. The prices are now from ONE SHILLING PER FOOT SUPER, and Borders from SIXPENCE PER FOOT SUPER. A large quantity of the choicest patterns always in stock. Repairs and painted work on the most moderate terms.—CHARLES LONG, No. 1, Kingsland, Baker-street, Portman-square.—Cash only.

SASH GLAZING.—A. ADAMSON, 28, Dorset-street, Hackney-square, begs to acquaint Builders and the Trade, he is Glazing Sashes with CROWN or SHEET GLASS, at 24d. per foot sup. Every description of Glass cut to size and in crates, may be had on the very lowest remunerative prices. Ornamental and Stained Glass in every variety.—Parcels Cash.

TO BUILDERS, PLUMBERS, &c.

JAMES MILES'S cheap ENGLISH and FOREIGN WINDOW-GLASS WAREHOUSE, 14, Charlotte-street, Shoreditch, near the Eastern Counties Railway Terminus. Cases of foreign sheet, various sizes, 42s. per foot; crates of sheet, 14 to 16 oz., 8d. per foot; good crates CC, 14, 16s. per crate; patent plate; Hartley's ROUGH PLATE; stained, ground, and ornamental glass; every squares of every size in stock; sheet lead; pipes; painted gas-pipe; solder and plumbers' brass work of all kinds; white lead, oils, and colours, at low prices. LARGE STOCK of PAPER-HANGINGS; old ones bought to any quantity, or taken in exchange. Sashes glazed and primed in all or very low prices, in any quantity.

PATENT and BRITISH PLATE GLASS.—JAMES HETLEY and Co. beg to inform Architects, Builders, and the Trade generally, that their new Tariff of Prices for the above will be sent on application; they will also, on receipt of particulars, furnish Estimates for any description of these new manufactured.—Patent Plate, Sheet, Crown, and Ornamental Window Glass Warehouse, 31, Soho-square, London.

GLASS! GLASS! GLASS!—W. HICKSON, 48, Lower-street, begs to call the attention of builders, &c. to his stock of very superior colour and sheet, well suited for shop fronts, &c. in large sizes; 16oz. 40in. 40s. per case; 18oz. 30in. ground, 6d. in shorts; crowns, 18s. per crate. Estimates forwarded for new glazing, in town or country.

BELGIAN SHEET-GLASS.—ALFRED GOULETT begs to inform the Trade that he is prepared to supply the above Glass, of good quality, and 16 ounces to the foot, upon the following cash terms:—In single cases, containing 200 feet large (including 6ft.); parcels of five cases, at 6d.; parcels of ten cases, at 5½d. per foot; or cut to any given size, at 6d. per foot.

SOHO CROWN, SHEET, ORNAMENTAL, and PLATE-GLASS WAREHOUSE, 19, SOHO-SQUARE.

KENNINGTON, BRIXTON, and CLAPHAM LEAD and GLASS WAREHOUSE, Five Doors from St. Mark's Church, Kennington. TO BUILDERS, PLUMBERS, &c. TYE and ANDREW beg to call attention to the low prices of their Sheet and English Window-glass (of superior manufacture), lead pipe, white and coloured, of every description; rough plate, cistern, &c. &c. Every description of plumbers' brass-work, gas-fittings, &c. Old lead bought to any quantity. Sashes primed and glazed lower than any other house in the trade. White lead, oils, colours, and varnishes.—Wanted an Apprentice; a respectable, well-educated youth, quick at figures.

GLASS MOSAIC.—GEORGE HENRY STEVENS, Decorative Artist in Enamels, begs leave to offer to the notice of the Nobility, Gentry, and Architects, specimens of the beautiful art of Glass Mosaic. Having all his time working to remain for some years past, he is now prepared to execute panel or other decorations in geometrical patterns also combined with the introduction of heraldic designs. G. H. S. respectfully solicits an inspection of his elegant Mosaic Tables. The mosaic is well suited for sideboards, door and mantle tables, chess tables and boards; with the place of marble, &c., &c., in internal decoration, being unsurpassed exclusively of stained glass, and unrivalled for a very strong cement, that renders it as durable as stone or marble. N.B.—Some of the specimens, removed from the Fine Art Court of the Great Exhibition, are now on view to the depth 16, Richmond-row, Hackney-road, Pimlico.